# GOVERNMENT OF INDIA
# POWER
# LOK SABHA

UNSTARRED QUESTION NO:3789
ANSWERED ON:17.08.2000
POWER GENERATION
KINJARAPU YERRANNAIDU

**Will the Minister of POWER be pleased to state:**

(a) whether the Government propose to introduce a super critical boiler instead of the conventional sub-critical type to improve the yield efficiency of the power generation in thermal power stations to meet the power shortage; and

(b) if so, the action taken in this regard?

## Answer

THE MINISTER OF STATE IN THE MINISTRY OF POWER ( SHRIMATI JAYAWANTI MEHTA )

(a): Yes, Sir. The efficiency of power generation can be increased by about 1.5% by adopting environment friendly super critical technology instead of conventional sub-critical type technology.

(b): Sipat St-I (3x660 MW) proposed by NTPC with super critical technology has already been accorded Techno-Economic Clearance by Central Electricity Authority (CEA).The following additional projects have also been received in CEA involving the use of super critical boiler technology for clearance:

1. Sipat St-II (1x660 MW) by NTPC

2. Kahalgaon STPP St-II (2x660 MW) by NTPC

3. Barh TPS (3x660 MW) by NTPC.